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INFORMATION REPORT

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COUNTRY USSR

SUBJECT Plants Manufacturing Machine Tools for Rifle and Artillery Plants

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1. "The following plants subordinate to the Ministry for Defense Industries of the USSR are manufacturing tube and barrel-drilling and tube and barrel-rifling machine tools for the rifle and artillery plants of the USSR

Lenin Works, Odesa

2. "The Lenin Works (Zavod Imeni Lenina) in Odesa. This plant manufactures automatic tube and barrel-drilling and tube and barrel-rifling machine tools for drilling and rifling the barrels of revolvers, rifles and machine guns with the calibers of 7.62 mm, 10.7 mm, 14.5 mm and 20 mm. The machine tools are copied from the machine tools of various British firms and of the US firm, Pratt Whitney.

3. "In recent years the 'Experimental Scientific-Research Institute of Metal-Cutting Machine Tools' (Priblms) has constructed a series of new Soviet 'many-spindled automatic vertical barrel-drilling aggregate machine tools' (mnogospindelnnye avtomatichesknie vertikalno-stvolno-avertilnye agregaty-stanki) which bear the trademark 'Emilino-stvolnyye'. Of this series I know the 'eight-spindled Emilino-stvolny' for barrels with a caliber of 7.62 mm. This aggregate machine tool permits the serial production of barrels, cuts down the time required for their manufacture and gives great precision.

Artillery Plant No. 92, Gorki

4. "The 'Four-Times Order Bearer, All-Union Stalin Artillery Works' (Chetyrezhdy Ordenonozny Soyuzny Artilleriyski Zavod Imeni Stalina, also called Artillery Plant No. 92) in Gorki. This plant manufactures tube and barrel-drilling and tube and barrel-rifling machine tools for the artillery plants of the USSR. The plant produces 'many-spindled automatic vertical-drilling artillery aggregate machine tools' for tubes of the calibers 45 mm., 57mm., 72.6 mm., 85 mm., 100 mm., 105mm., and 122 mm.

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-2-

5. "This plant also manufactures special 'rifle' and 'gun' drills for the machine tools. The new machine tools of this plant are also called 'highly productive' as they allow the execution of several operations at one setting and the simultaneous operation of several one-type instruments.

6. "The Soviet barrel steel for rifle and artillery plants has the following trade marks:

50 A Stvolnaia
30 KM 2 MF
38 KhSA."

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